

INORGANIC COMPOUND SACCHARIDE COMPOSITION, VEHICLE, RAPIDLY DISINTEGRATING COMPRESSION MOLDED PRODUCT, AND THEIR PRODUCTION

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Inventor(s): YOKOI SHINICHIRO; SHISHIDO TAKESHI; TANAKA NOBUKAZU; HOTTA YOSHIHARU; CHO KIYOAKI; IKUSHIMA HEIJI
Applicant(s): FUJI CHEM IND CO LTD
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Abstract

PROBLEM TO BE SOLVED: To obtain, by spray drying a homogeneous suspension of an inorganic compound and a saccharide, an inorganic compound saccharide composition which has high fluidity and compression moldability in powder, rapidly disintegrating and/or dissolving properties when added into mouse or water in granule or tablet, and strength which does not allow disintegration during production and circulation.

SOLUTION: This composition is obtained by spray drying a homogeneous suspension of (A) an inorganic compound (preferably, magnesium methasilicate aluminate, synthetic hydrotalcite, dry aluminum hydroxide gel, precipitated calcium carbonate, magnesium silicate aluminate, magnesium silicate, or the like) and (B) a saccharide (preferably, erythritol, mannitol, sorbitol, xylitol, or the like). It is preferable that the composition contains components A and B at 0.5-99.5 wt.% and 0.5-99.5 wt.%, respectively. It is preferable that the particle size of the composition is 500 μm or smaller.

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